

WAIVER REQUEST 47 CFR 73.315(b)

The proposed facility does not satisfy the requirements of 47 CFR 73.315(b) and the applicant respectfully requests a Waiver. The following amounts and percentages of population and area that will receive 3.16 mV/m service is offered as justification.

Exhibit EE-4A is a large map depicting the present legal city limits boundaries of New Albany, Indiana. The predicted 3.16 mV/m contour for the Adams Rib facility has been drawn thereon. It can be seen that a very small area (about .18 sq km) on the Northern tip of the city is beyond the 3.16 mV/m coverage contour. There is also an area (about .81 km) North of the city, that is not contiguous to the main boundaries which is outside of the predicted 3.16 mV/m coverage contour.

The city of New Albany contains 35.032 sq km of land. The area within the city that is covered by the 3.16 mV/m contour contains 34.04 sq km. Therefore, 0.992 sq km is not covered.

The percentage of land within the city limits that is covered is 97.168%. This leaves only 2.832% beyond the 3.16 mV/m coverage contour.

The population of New Albany is 37,103. Assuming a uniform distribution of population... 36,052 persons would receive a minimum of 3.16 mV/m service while 1,051 persons would not. However, all of the city will receive more than 1.0 mV/m interference free coverage.

In reality, there are only about 14 homes within the area of New Albany that lies beyond the 3.16 mV/m contour and assuming 4 persons per home... only 56 persons will not receive a city grade signal.

In conclusion, the instant application meets the Commission's "Substantial Compliance" policy since the proposed 3.16 mV/m contour will serve at least 80% of the area of the proposed city of license. A grant of the Waiver request is in the public interest, convenience and necessity.

EXHIBIT EE-5

I.F. INTERFERENCE

The proposed frequency is 94.7 Mhz. The sum of the standard I.F. frequency 10.6 Mhz and 94.7 Mhz = 105.3 Mhz. The nearest station on 105.3 Mhz is WYNG-FM at Evansville, IN. It is much more than 14 km to Evansville, and therefore, it is concluded that no interference will be caused to any existing or planned station on 105.3 Mhz.

The sum of the standard I.F. frequency 10.8 Mhz and 94.7 Mhz = 105.5 Mhz. The nearest station on 105.5 Mhz is WASE at Fort Knox, KY. It is much more than 8 km to Fort Knox, and therefore, it is concluded that no interference will be caused to any existing or planned station on 105.5 Mhz.

The proposed new station at New Albany, Indiana will not cause any harmful interference (I.F.) to channels 53 or 54 removed.

CHANNEL	LOCATION	E.R.P.	ANT.HAAT	DX.REQ.	STATUS
287B WYNG-FM	IN Evansville N38 04 47 W87 36 36	50kw	119m	14km	Clear
287C3 WWWQ	KY Glasgow N 36 54 50 W85 43 20	25kw	97m	11km	Clear
288A WQRK	IN Bedford N 38 54 29 W86 28 28	2kw	122m	8km	Clear
(Lic)288A WASE	KY Fort Knox N 37 51 06 W85 56 45	3kw	91m	8km	Clear
(CP)288A WASE	KY Fort Knox N 37 46 57 W85 54 38	3.6kw	127m	8km	Clear
288A WKDQ-FM	KY Liberty N37 21 25 W84 55 50	6kw	62m	8km	Clear

End of I.F. Study.

EXHIBIT EE-6

FM STUDY FOR: ADAMS RIB, INC.

JOB TITLE: NEW ALBANY, IN FM
 CHANNEL: 234A
 COORDINATES: N 38 16 20 W 85 56 14

CHANNEL CLASS	LOCATION	CALL	ERP (kw)	HAAT (m)	1/REQUIRED DX(km)	ACTUAL DX(km)
233C1 LIC	KY Lexington N 38 07 25 W 84 26 45	WLAP-FM	100	195	129	131.42
234B APP	IN Indianapolis N 39 52 20 W 86 12 07	WFBQ	47.0	272	163	179.44
234B LIC	IN Indianapolis N 39 53 59 W 86 12 02	WFBQ	52.0	259	163	182.47
234A APP	KY Philpot N 37 42 13 W 86 56 35	BPH-900706MI	3.0	100	105	108.52
234A APP	KY Philpot N 37 41 51 W 86 59 26	BPH-900703MB	3.0	100	105	112.32
234A APP	KY Philpot N 37 42 37 W 86 58 31	BPH-900706ME	3.0	100	105	109.78
234A APP	KY Philpot N 37 42 04 W 86 59 08	BPH-900705MJ	3.0	100	105	111.73

END CHANNEL 234A STUDY.

1/ The distance required from the critical locations above was based upon 73.213(c)(1) as provided in Docket 88-457 & RM-6307. The proposed class contour distance is 24 km.

RADIATION HAZARD STATEMENT

This proposal has been evaluated with respect to the RF radiation exposure guidelines contained in ANSI Standard C95.1-1982. For the FM band, the power density may be computed from the formula:

$$S = \frac{(0.64)(1.64)(P)(1000 \text{ milliwatts/watt})}{(3.141492654)(H)^2}$$

where: S = Power Density
 P = Total power in watts (H & V)
 H = Height of radiation center in
 centimeters above ground

In the case of the instant proposal, P = 1250 and H = 6300. ANSI C95.1-1982 permits up to 1.00 mw/cm² exposure at this frequency. Therefore at ground level: S = .0105 mw/cm²
 or 1.05% of the allowable.

It is evident that no practical hazard will exist. Where accessible areas of the existing 2-way tower are within the hazard zone, they will be posted with warning signs and protected from unauthorized access by a fence with a locked gate.

EXHIBIT EE-3

ADAMS RIB, INC.

NEW ALBANY, INDIANA

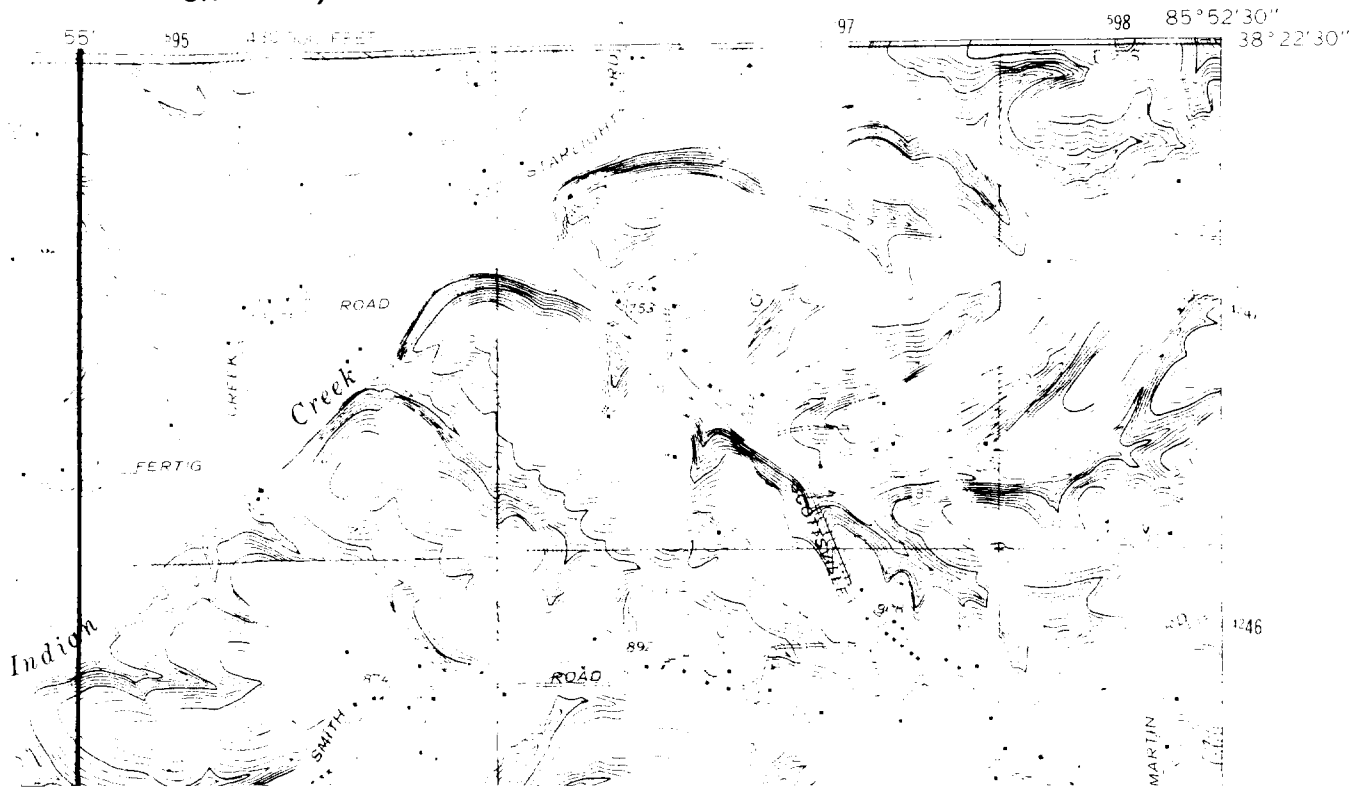
CH 234A, 1.25KW, 146mAAT

GEORGETOWN QUADRANGLE

INDIANA

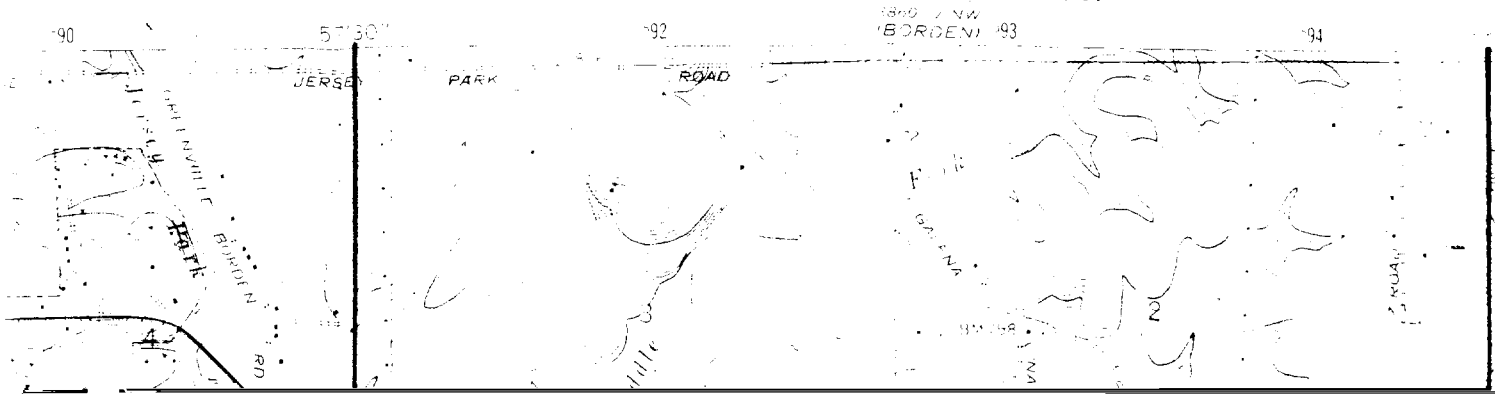
7.5 MINUTE SERIES (TOPOGRAPHIC)

38° 14' NE
(SPEED)



STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
INDIANAPOLIS, INDIANA

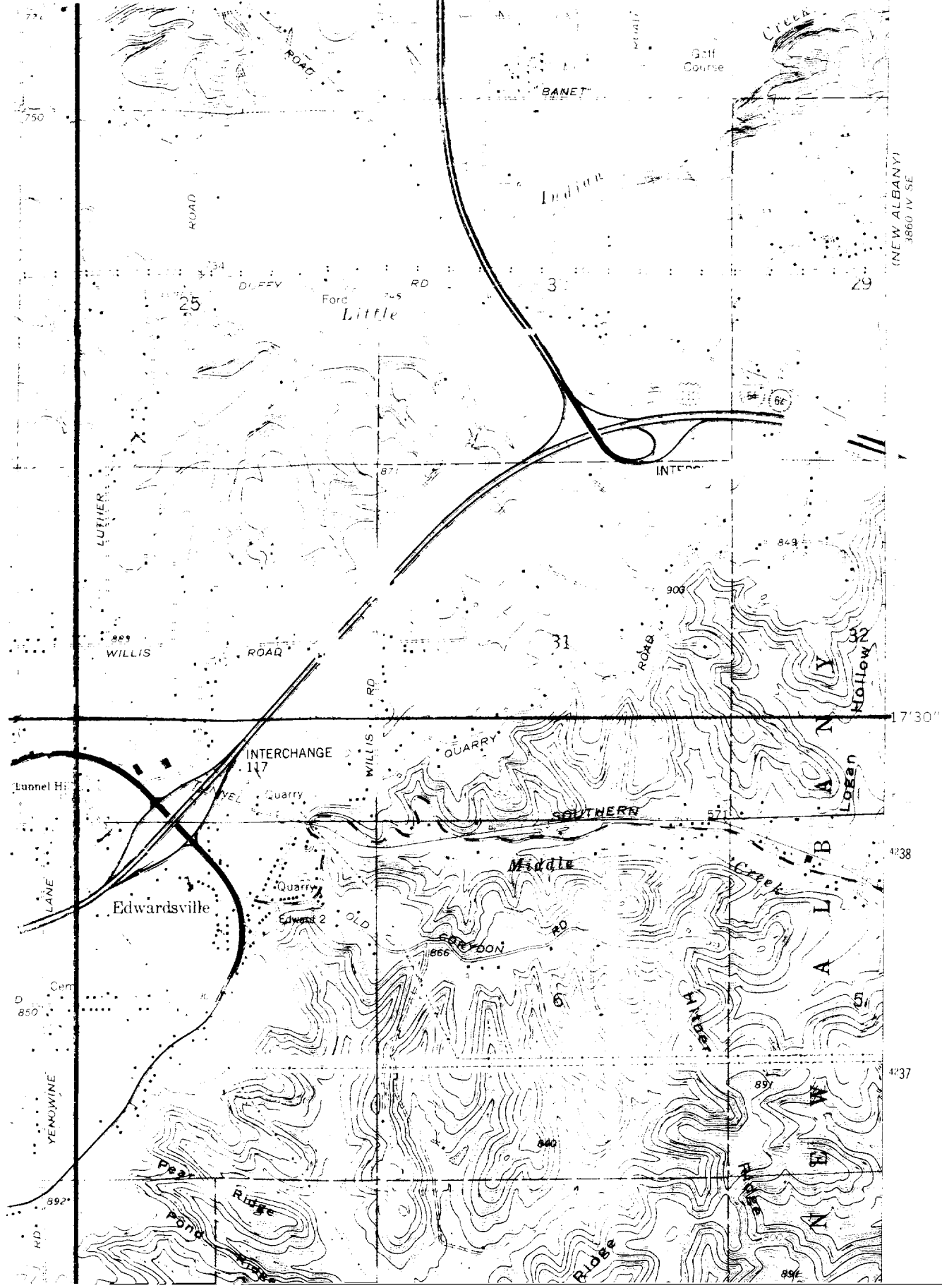
E
A
N
C



(NO. 1) (PALMYRA)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY





(NEW ALBANY)
3860 IV SE

JOHN

MILL

ROAD

ERNSTBERGER

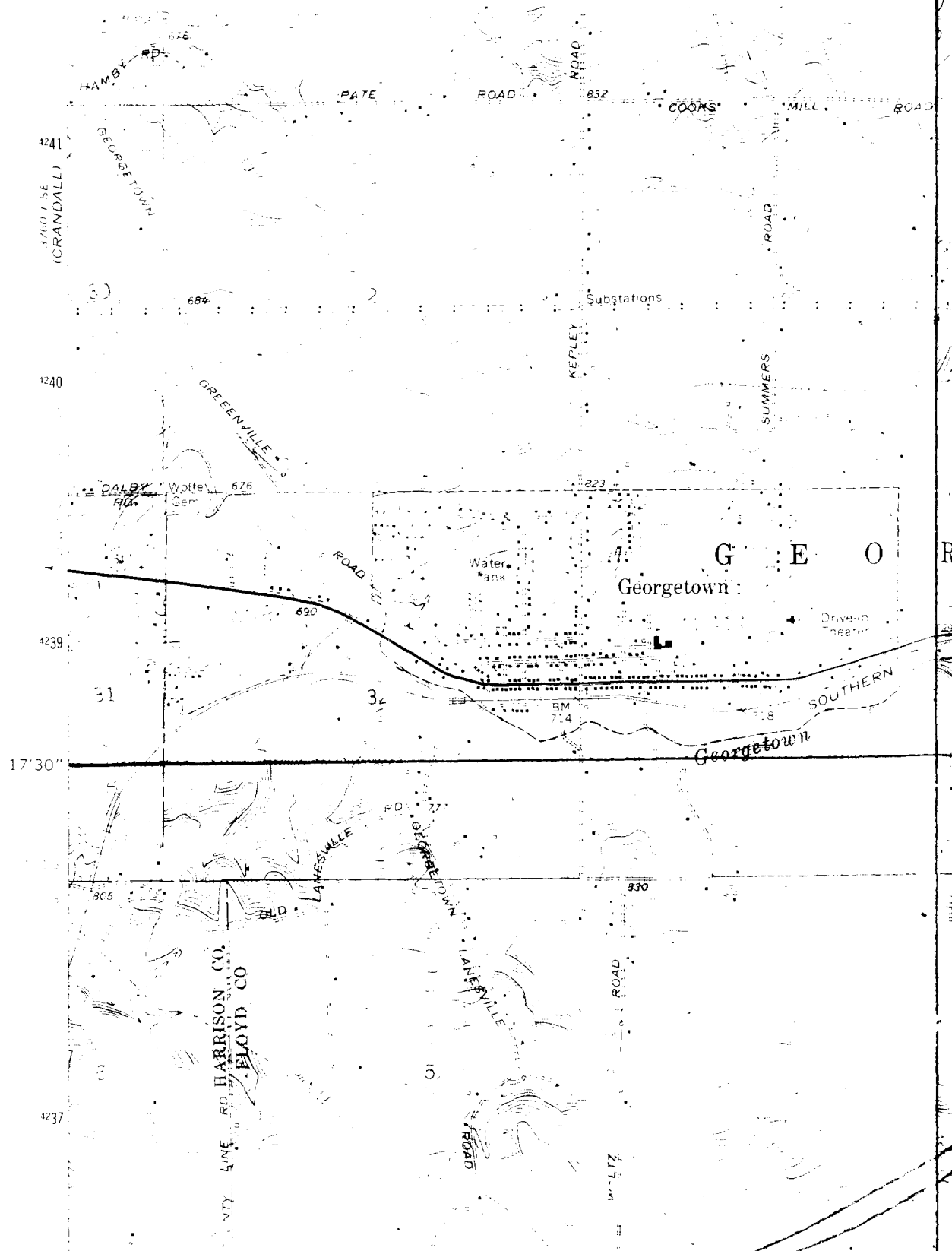
BM

391

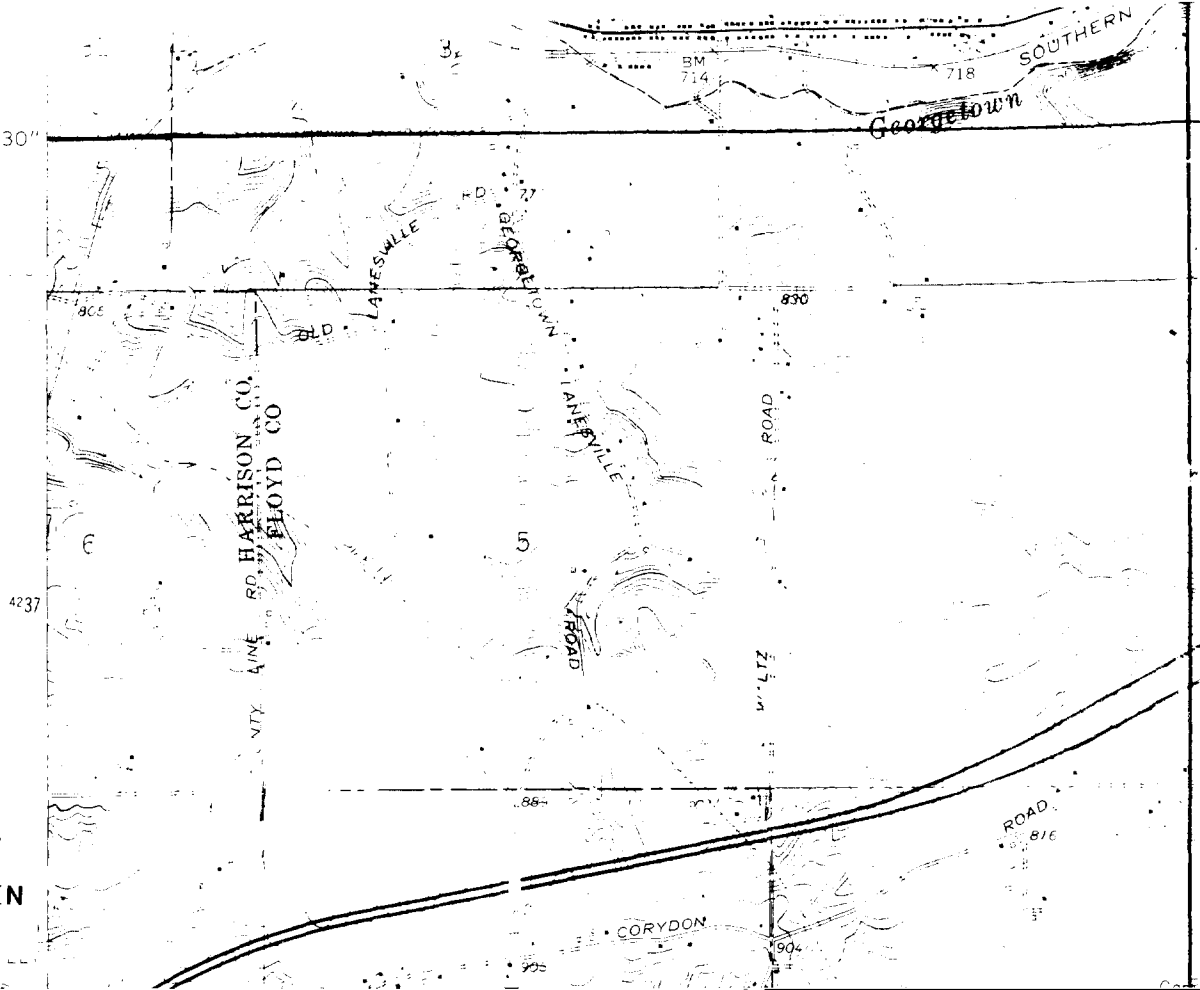
R34

R4

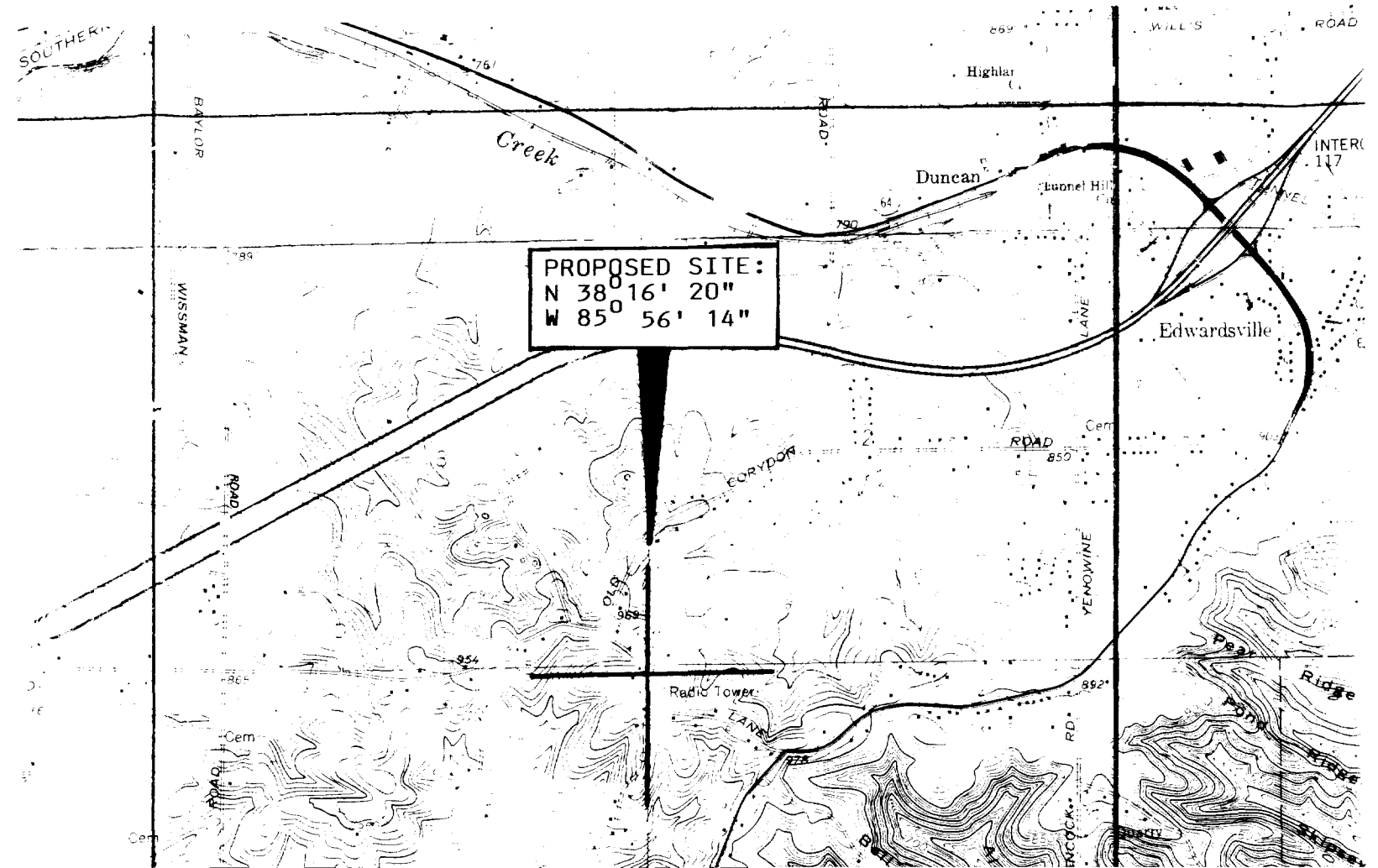
EDWARD

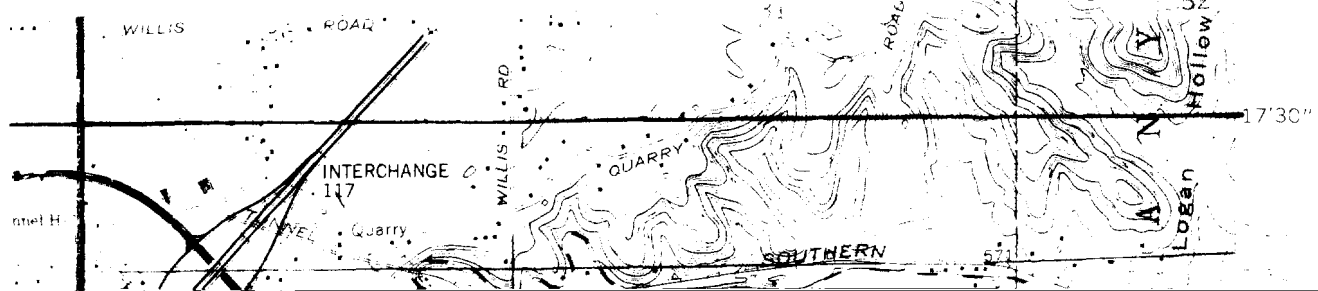


17°30"



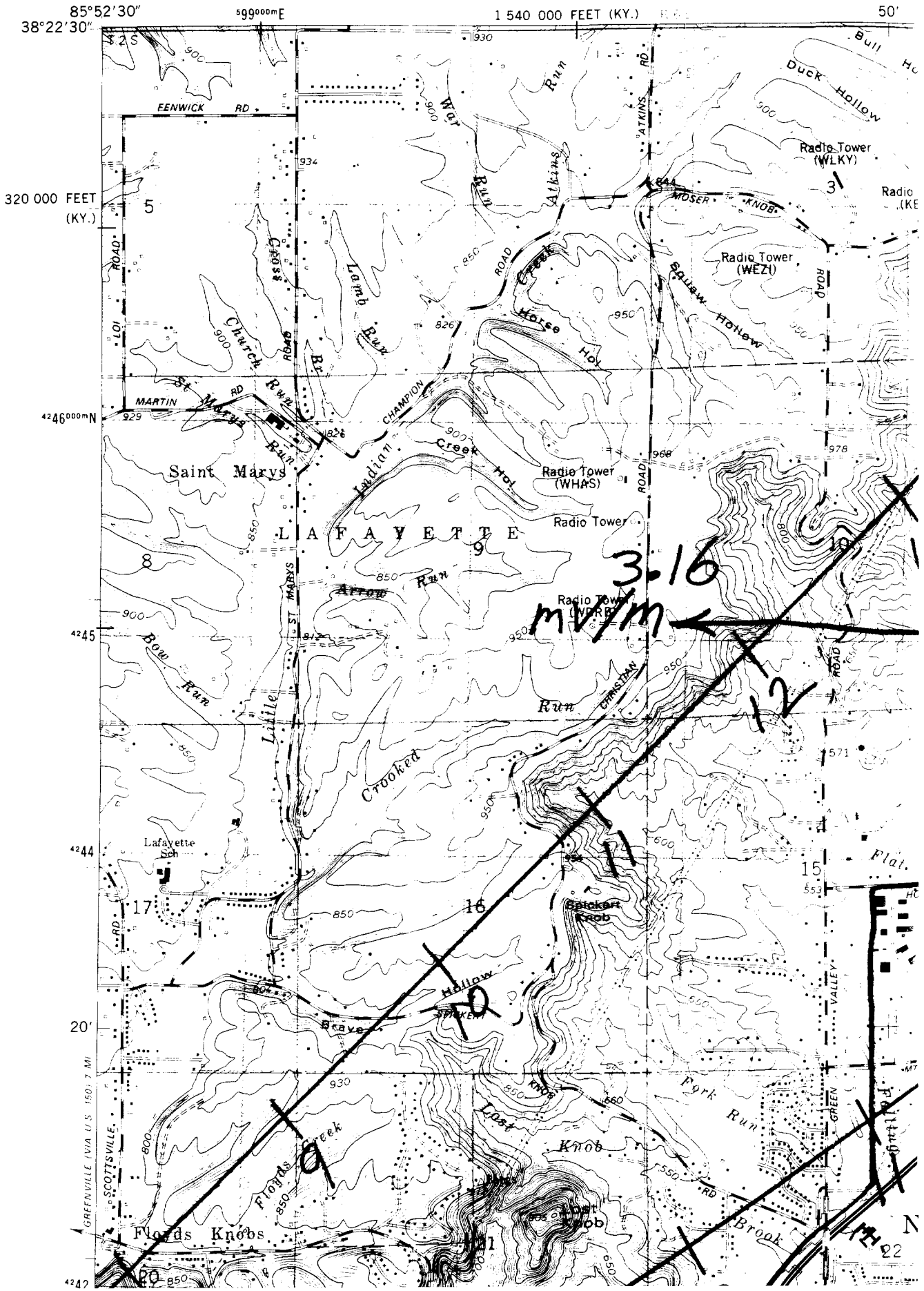
John W. Smith Sr.
P.O. Box 1226
Jeffersonville, IN
(812)284-1945

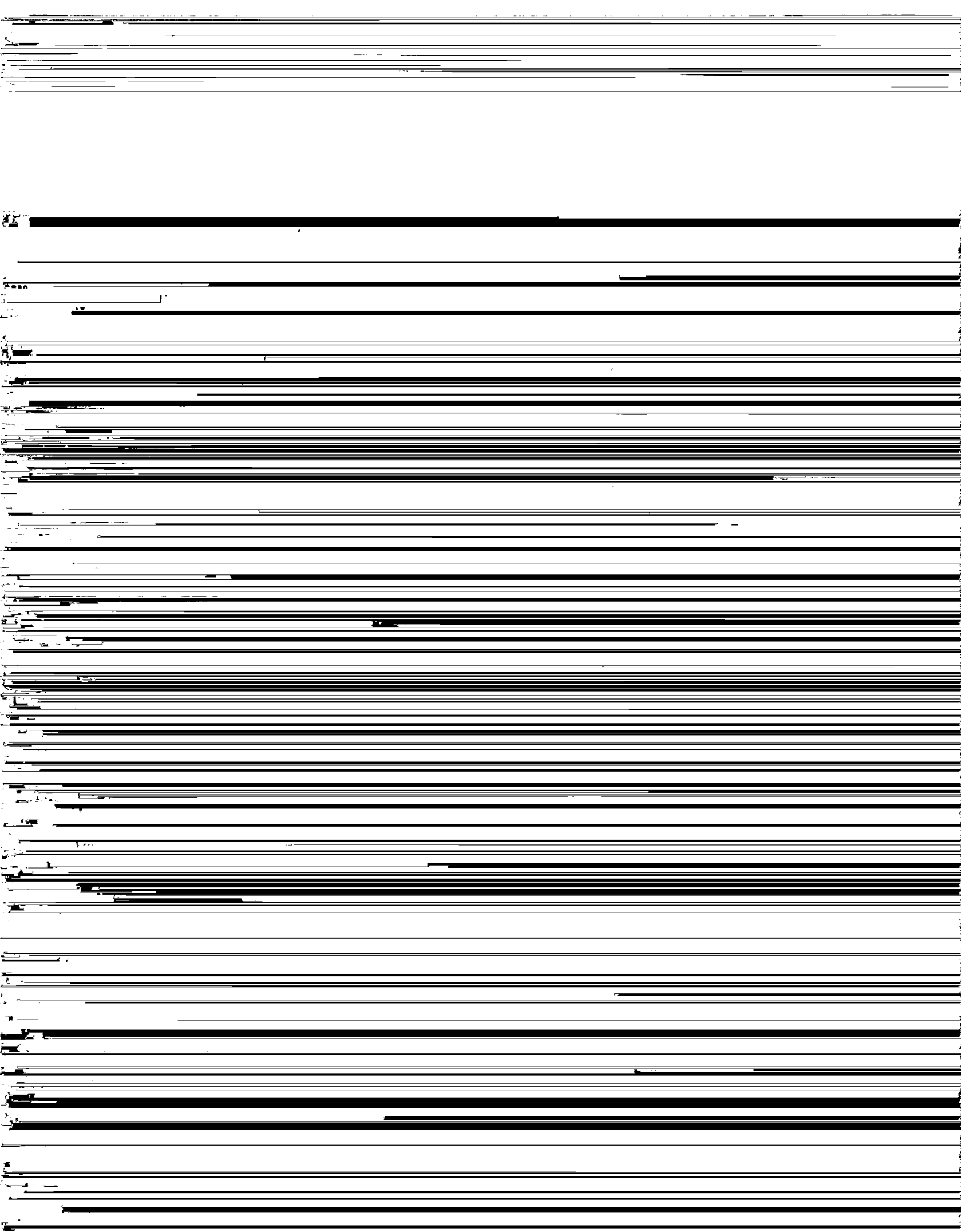




3860 IV NW
(BORDEN)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY





NEW ALBANY QUADRANGLE
INDIANA-KENTUCKY
7.5 MINUTE SERIES (TOPOGRAPHIC)

SE 4 NEW ALBANY 15' QUADRANGLE

SELER, BURG 1.4 MI.

3860' NW
(CHARLESTOWN)

47°30"

606

HAMBURG 0.6 MI.

470 000 FEET (IND.)

609 85°45'

38°22'30"

EXHIBIT EE-4A

ADAMS RIB, INC.

NEW ALBANY, INDIANA

CH234A, 1.25KW, 146mAAT

